

WG6 Parallel session

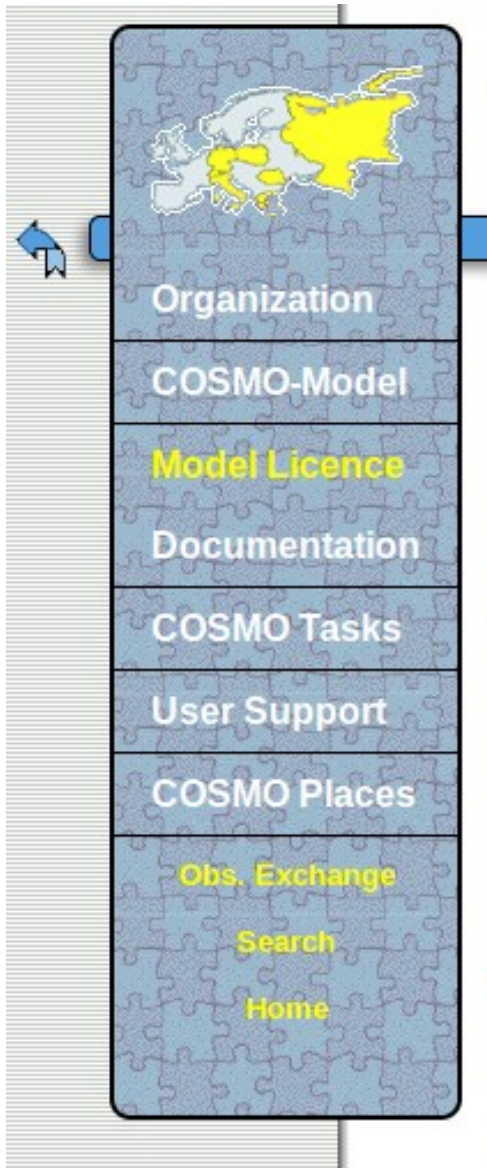
Massimo Milelli and WG6 colleagues

Wrocław, 17th COSMO General Meeting - Monday, September 7th 2015

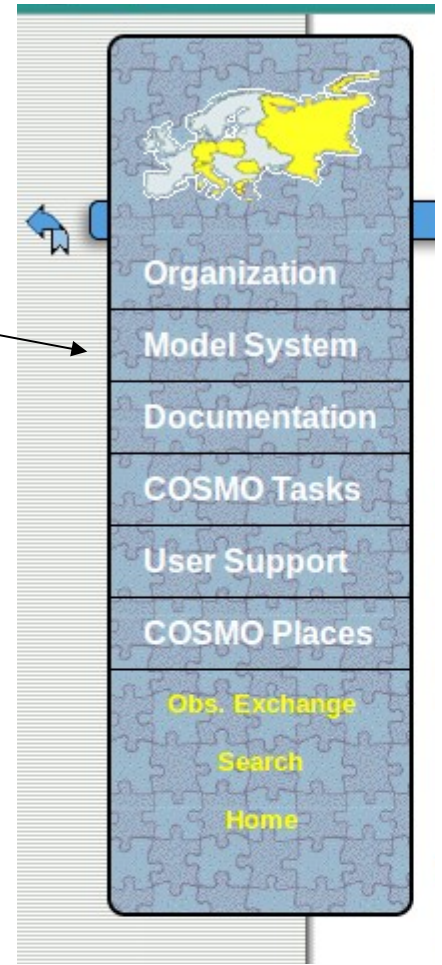
Web modifications

- Revisited Home Menu with the “Model System” link
- “Model System” includes:
 - ➔The flow chart interactive image
 - ➔The link to the new “Grib2” page
 - ➔The link to a “Download” page where it will be possible to download the latest releases of all the COSMO software (password protected)

Home menu



old



new

Submenu of "Model System"

Flow chart + links to the different components (see: <http://www.cosmo-model.org/content/model/default.htm>)

Model overview

General Description

Lateral Boundaries

Management/Plans

Achievements

Model Licence

Grib2

Download

Uli's page in preparation
(end of the year)

No changes

Source codes (**password protected**) see:

<http://www.cosmo-model.org/content/support/software/downloads.htm>

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Reporting

- Newsletter: July 2015 (10 contributions)
- Technical Reports:
 1. The COSMO Priority Project 'COLOBOC' Final Report, Jean-Marie Bettems, July 2015 (TR 27)
 2. The COSMO Priority Project 'UTCS' Final Report, D. Mironov, E. Machulskaya, B. Szintai, M. Raschendorfer, V. Perov, M. Chumakov, E. Avgoustoglou, June 2015 (TR 26)
 3. The Proof of the Parameters Calibration Method: CALMO Progress Report, P. Khain, I. Carmona, A. Voudouri, E. Avgoustoglou, J.-M. Bettems, F. Grazzini, May 2015 (TR 25)
- NWP Test Suite report (v5.1 vs v5.0): December 2014
- Common plot activity

Miscellaneous

- TTS included in COSMO (from v5.3 onwards)
- Namelist tool updated with all the operational namelists
- GRIB2 policy has been updated
- Coding standards are going to be updated (with C++ info regarding the dycore)
- The use of a bug tracker facility has been investigated
- User support and training
- Proposal for a new server to be hosted by HNMS and funded by COSMO money (about 1500 euro)

Next steps

- Special issue of the Newsletter: DWD research projects EWeLiNE and ORKA about the optimization of COSMO for wind and solar energy operations in Germany (Kristina Lundgren)
- VERSUS and CORSO TR by the end of the year...
- Update of the web pages contents
- Advertising of the updated GRIB2 policy
- Advertising of Bugzilla
- Improvement of the namelist tool (CLM Community)
- NWP Test Suite extension to high resolution (joint meeting with WG5 tomorrow)

Discussion

- New implementations in COSMO v5.4 (and v5.5)
- Distributed model development (GIT)
- Scientific version/platform of COSMO software
- COSMO-ICON physics status
- AoB

**Thanks for your attention and for
your work !**



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